Philips Medical Systems

FIELD CHANGE ORDER — Service

Issued by	:	DMC Hamburg	**Reference No.**	:	00 135 009
Released	:	G. Kramm	**Date**	:	May 1999
Publication No.	:	4512 980 57791	**Product Group**	:	742

OPTIMUS 50 RAD / RF

APPLIES TO:

All OPTIMUS 50 RAD/RF generators

9890 000 02001	overall Family PEI		
9890 000 00871	9890 000 61511	9890 000 61521	9890 000 00941
9890 000 00922	9890 000 02161	9890 000 02181	9890 000 60981
9890 000 0086x	9890 000 00952	9848 600 00111	Bucky TS generator

Generators concerned Serial numbers:

970223 – 970763	971002 – 971130	972601 – 972632	972997 – 972999
980003 – 980742	982001 – 982186	982207 – 982331	982601 – 982700
982998 – 982999	986001 – 986003	990003 – 990095	992001 – 992040
996002			

TITLE:

Electric shock during service activities in the generator cabinet.

LIST OF PAGES & DRAWINGS:

1... 4 (99.0)

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INTRODUCTION:

Symptom : Possibility of electric shock during service work, e.g. during necessary measurements in the generator cabinet.

Cause : In the new 7E converter unit 9890 000 0277x, the nuts to fix the capacitors of the intermediate circuit are not made of insulation material. The fixing nuts of the smoothing capacitors are at intermediate circuit voltage level.
In an OPTIMUS 50 R/F generator with only one converter unit, these points are easily accessible during service.

Remedy : To protect the field engineer from electric shock, the metal nuts must be covered with plastic caps.

MANPOWER / TIME TO COMPLETE:

1 Engineer 0.25 hours

TOOLS & TEST EQUIPMENT:

Standard Toolkit

MODIFICATION KIT / PARTS REQUIRED:

For all generators mentioned under APPLIES TO, the following parts can be ordered at SL Hamburg:

4512 104 91421 Service kit protection cap

comprising:

5x 2512 700 17057 protection cap
4512 104 57791 this FCO

Note
The modification kit will be available Free Of Charge till the end of December 1999 at the spare part centre in Hamburg.

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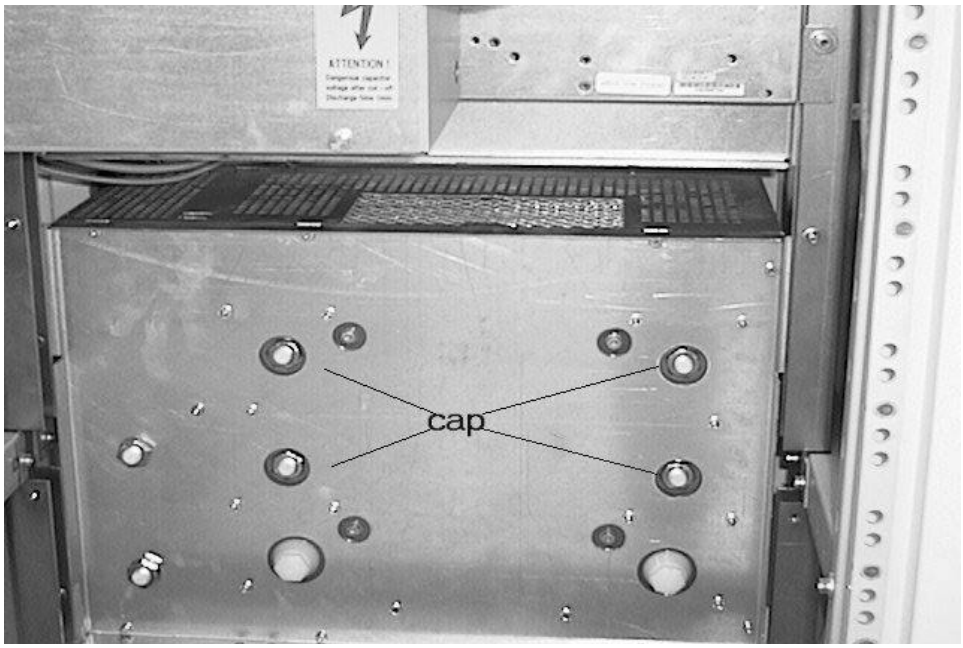
PROCEDURE:

- Switch the generator off.
  Wait until the smoothing capacitors are discharged, at least 1 minute after switch off.

- Pull the generator cabinet away from wall.

- Press the protection plastic caps onto the metal nuts
  (see foto)



- Push the generator cabinet back to the former position.

PARTS DISPOSAL:

Not applicable

DOCUMENTATION:

File this FCO in binder: OPTIMUS under Tab 8

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FCO ACTION NOTIFICATION REPORT
For local SSD use only; do not return to PMG.

TITLE : ***Electric shock during service activities in the generator cabinet***	
CLASSIFICATION : ***mandatory action***	FCO REF. NO.: ***00 135 009***
APPLIES TO : ***All OPTIMUS 50 RAD/RF generators***	

HOSPITAL / ADDRESS :	
LOCATION / FW SITE NO.:	SALES ORDER NO. / OA NO.:

PRODUCT NUMBER : | 9 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 |

UNIT SERIAL NUMBER : _____

ACTION ON THIS UNIT WAS: (select one)

JOB NO. / SERVICE INCIDENT NO.: _____

☐ Completed per instruction on _____ DATE

☐ Completed by the factory prior to delivery.

☐ Not completed as this unit is not affected per instruction because: (state reason)

_____

☐ Not completed because customer has unit in storage.
Required parts & instructions received by the customer.

CUSTOMER ACKNOWLEDGEMENT (Required for **MANDATORY ACTIONS** only).

The **REASON and PURPOSE** of this modification have been explained to me.

_____ CUSTOMER NAME (PLEASE PRINT)

_____ TITLE

_____ CUSTOMER SIGNATURE

_____ DATE

BRANCH
REGION /
DEALER : _____

SERVICE UNIT /
SERVICE AREA NO.: _____

_____ SIGNATURE CUSTOMER SUPPORT ENGINEER

_____ DATE

_____ SIGNATURE CUSTOMER SUPPORT MANAGER

MAIL TO : SSD Customer Support Manager

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